

Claims

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1. A method for transmitting credit/charging information to a mobile station (MS);

characterized in that the method comprises the steps of:
5 detecting a termination (2-10) of a call chargeable to the subscriber of the mobile station (MS);

in response to said detecting, sending said credit/charging information to the mobile station (MS) as a connectionless message (2-26).

2. A method according to claim 1, characterized in that the method
10 further comprises the steps of:

defining an upper limit for the accumulated price of telephone calls;

- monitoring the accumulated price of telephone calls;

allowing a new call only if the accumulated price of telephone calls is less than the upper limit.

15 3. A method according to any of the preceding claims, characterized in that said connectionless message is a short message.

4. A method according to any of the preceding claims, characterized in that said connectionless message is a USSD message.

20 5. A method according to any of the preceding claims, characterized in that after detecting said termination (2-10) of the call, releasing the call (2-18) with sufficient delay for sending said connectionless message without paging the mobile station (MS) separately.

6. A method according to any of the preceding claims, characterized in that an Intelligent Network node, preferably a Service Control
25 Point (SCP):

requests (2-4) a Mobile Services Switching Centre (MSC) to report said termination of call; and

in response to said reporting (2-12), initiates (2-16, 2-22) said sending of said credit/charging information.

30 7. A method according to claim 6, characterized in that

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sending said credit/charging information is triggered by a Service Logic Program being executed in a Service Logic Execution Environment (SLEE) in the Service Control Point (SCP);

the Service Logic Program provides functionality for communicating
5 with an external process through a gateway between services running inside the Service Logic Execution Environment (SLEE) and an external application (WS); and

the credit/charging information is sent using the gateway to the external application (WS) which sends it to the mobile station (MS).

10 8. An arrangement (SCP, WS) for transmitting credit/charging information to a mobile station (MS) in a mobile telecommunications network;

characterized in that the arrangement (SCP, WS) is adapted to:

detect a termination (2-10) of a call chargeable to the subscriber of
15 the mobile station (MS); and

in response to said detecting, send said credit/charging information to the mobile station (MS) as a connectionless message (2-26).

9. An arrangement according to claim 8, characterized in
- that the arrangement comprises a Service Control Point (SCP) of an Intelligent
20 Network, said Service Control Point comprising a Service Logic Program for sending said credit/charging information in response to said detecting.

10. An arrangement according to claim 9, characterized in that the arrangement further comprises a separate processor (WS) for formatting said credit/charging information.

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